

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093035.D
 Acq On : 20 Feb 2017 18:25
 Operator : SJ/MA
 Sample : PB97034TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97034TB

Quant Time: Feb 20 23:54:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156785	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	593405	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	275013	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	550252	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	502790	20.00	ng	-0.01
86) Perylene-d12	15.43	264	386376	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1145093	125.30	ng	0.00
7) Phenol-d6	6.49	99	1538676	130.86	ng	0.00
23) Nitrobenzene-d5	7.41	82	905518	84.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	341494	171.69	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1643190	108.25	ng	-0.01
78) Terphenyl-d14	12.96	244	1445114	67.53	ng	-0.01

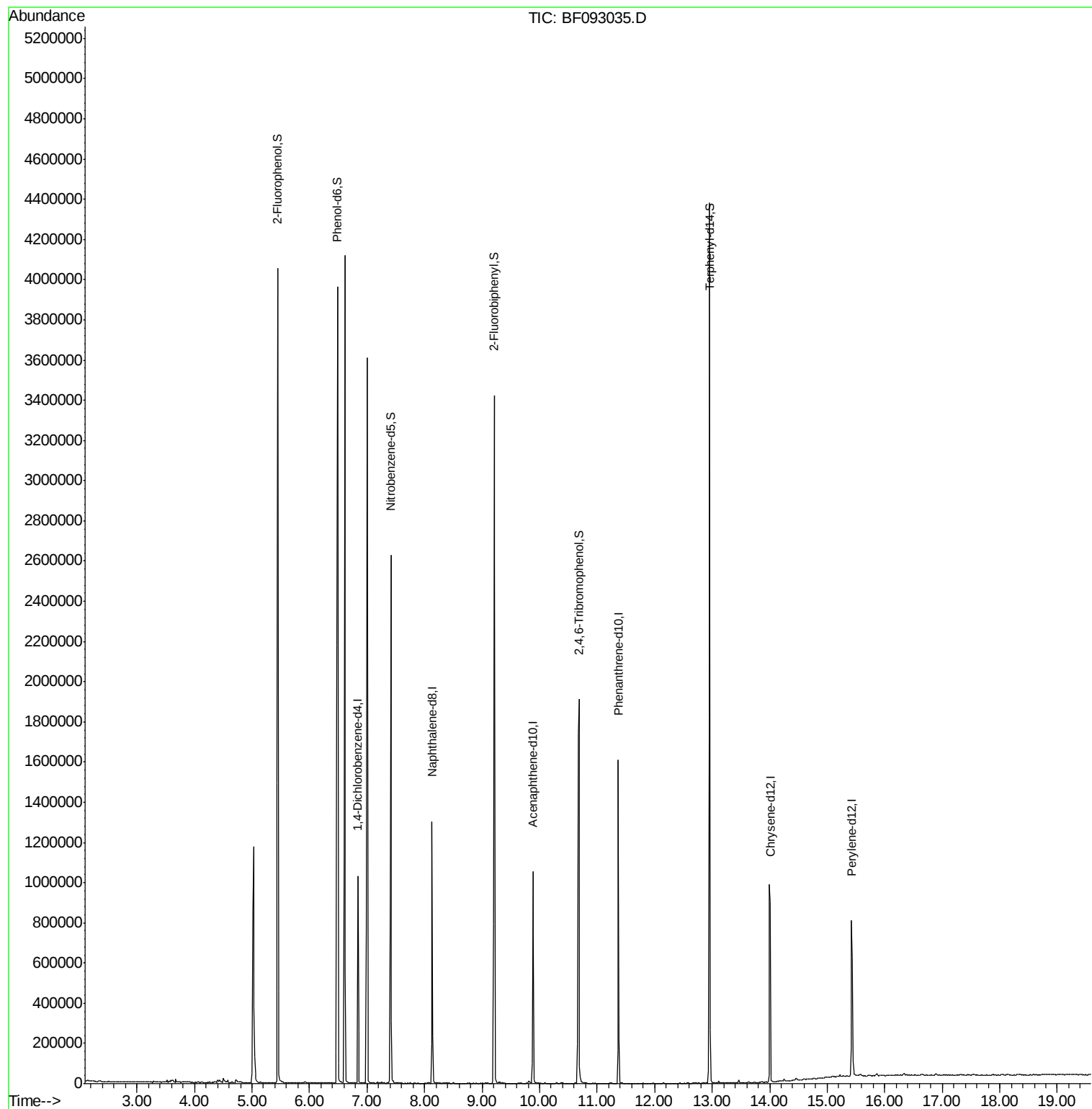
Target Compounds Qvalue

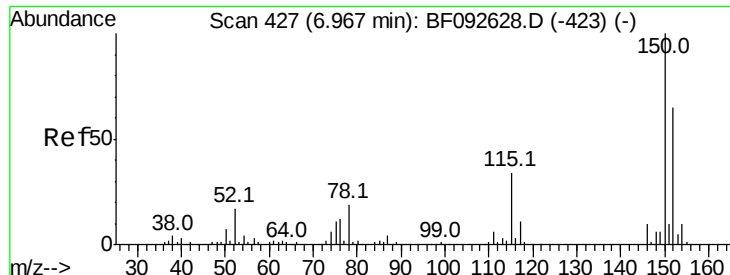
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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Acq: 20 Feb 2017 18:25

Instrument :

BNA_F

ClientSampleId :

PB97034TB

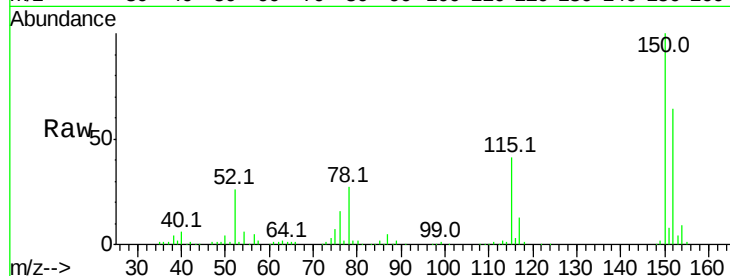
Tot Ion:152 Resp: 156785

Ion Ratio Lower Upper

152 100

150 156.3 124.9 187.3

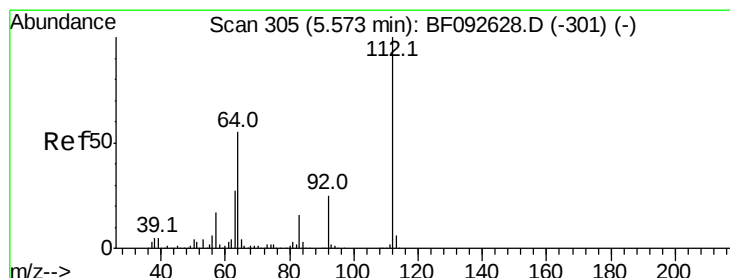
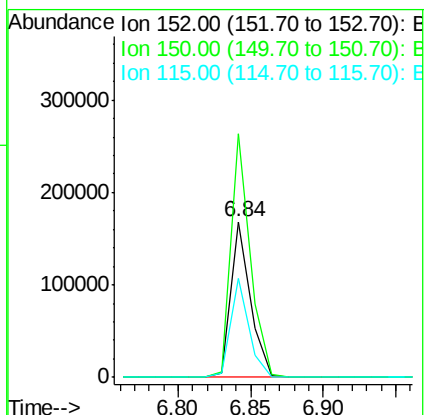
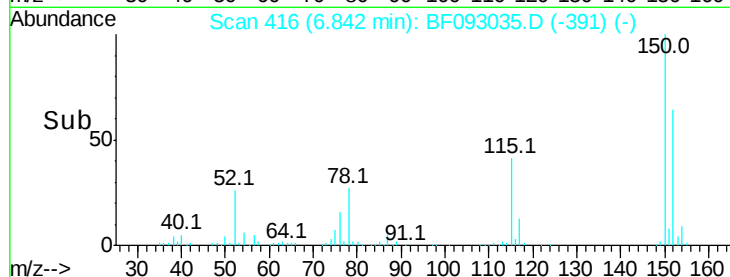
115 63.7 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 125.30 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093035.D

Acq: 20 Feb 2017 18:25

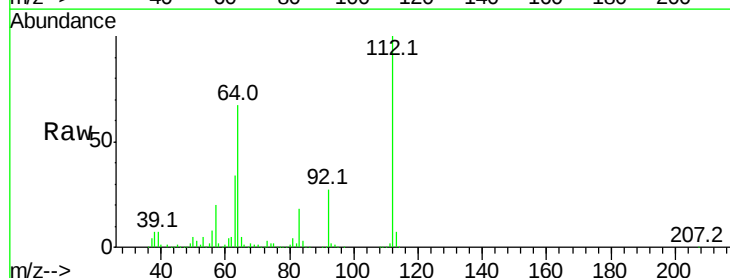
Tgt Ion:112 Resp: 1145093

Ion Ratio Lower Upper

112 100

64 67.0 46.1 69.1

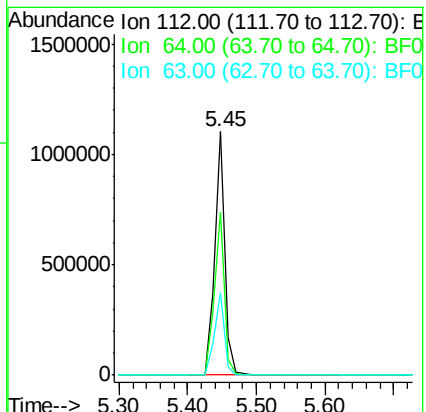
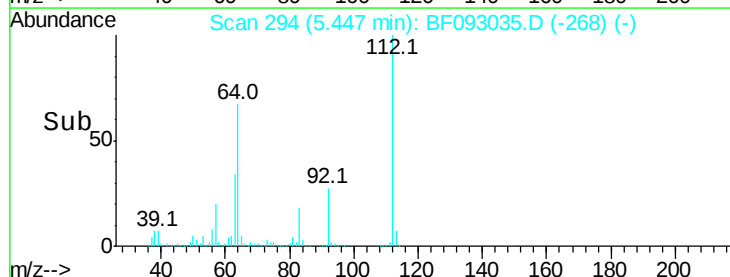
63 33.6 23.8 35.6

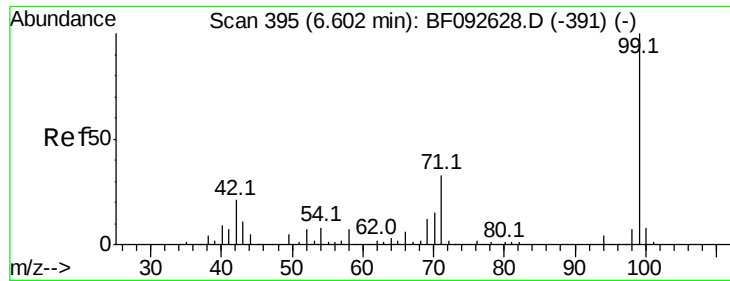


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.86 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093035.D

Acq: 20 Feb 2017 18:25

Instrument :

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ClientSampleId :

PB97034TB

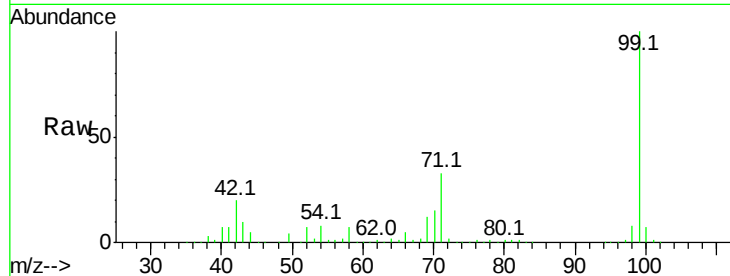
Tot Ion: 99 Resp: 1538676

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

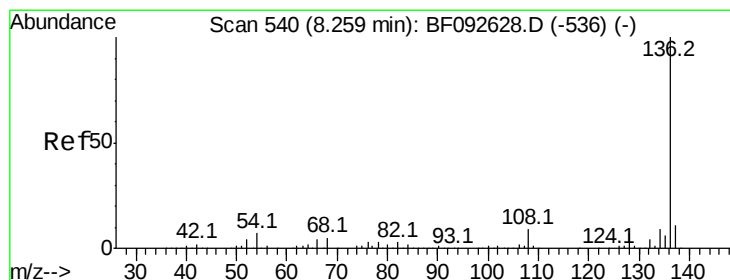
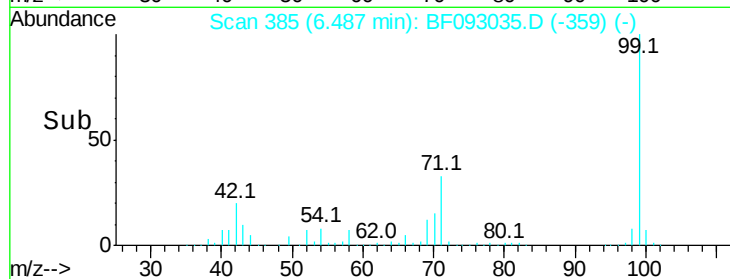
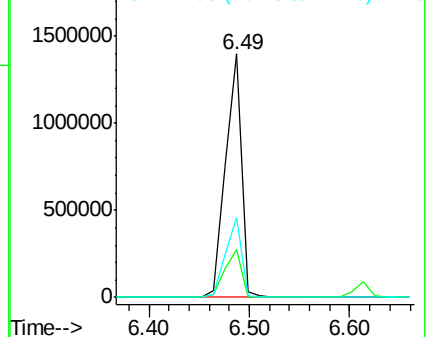
71 33.0 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093035.D

Acq: 20 Feb 2017 18:25

Tgt Ion:136 Resp: 593405

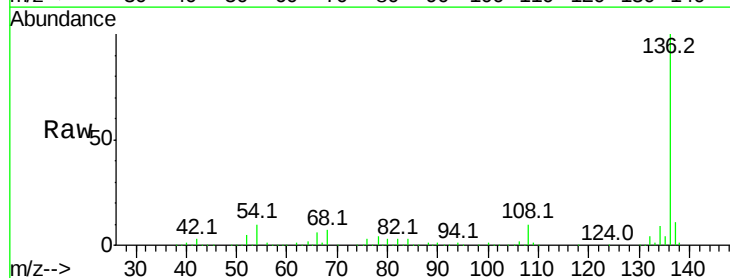
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.3 4.5 6.7#

68 7.1 3.6 5.4#

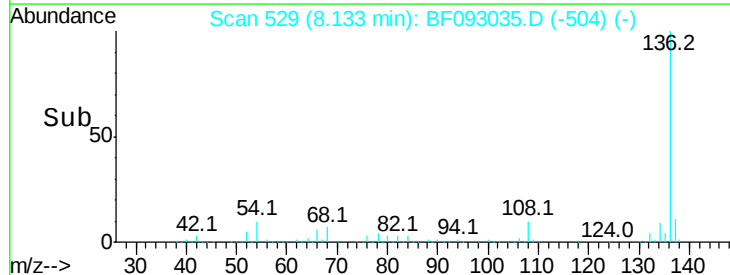
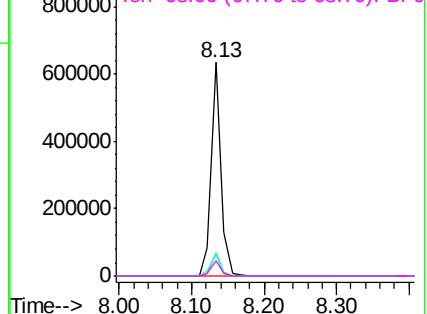


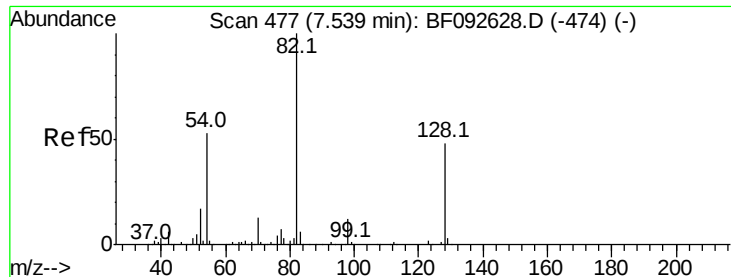
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 84.98 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF093035.D

Acq: 20 Feb 2017 18:25

Instrument :

BNA_F

ClientSampleId :

PB97034TB

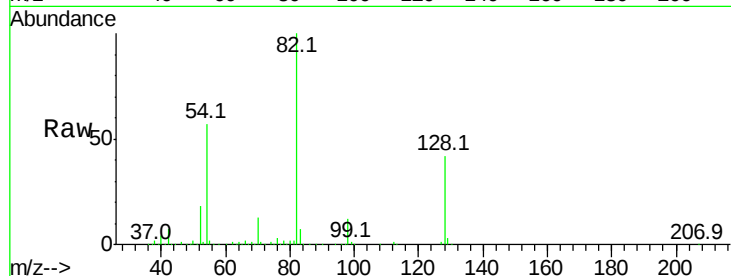
Tot Ion: 82 Resp: 905518

Ion Ratio Lower Upper

82 100

128 42.5 34.6 52.0

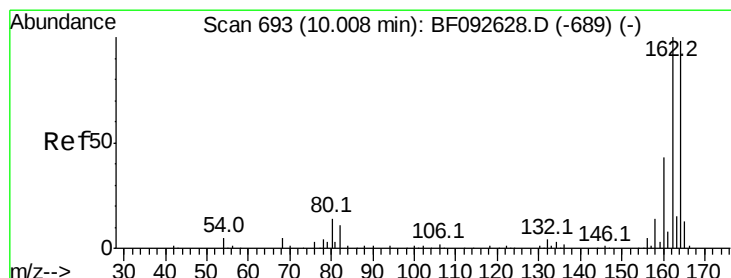
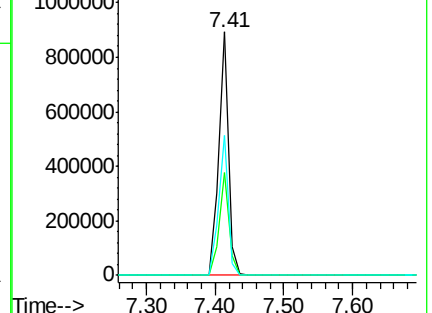
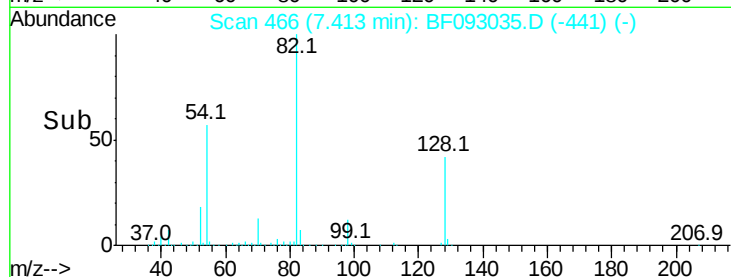
54 57.4 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF093035.D

Acq: 20 Feb 2017 18:25

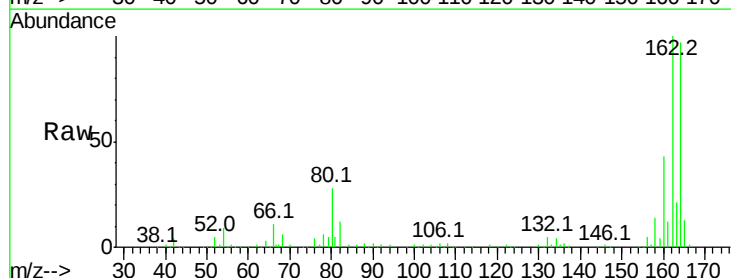
Tgt Ion: 164 Resp: 275013

Ion Ratio Lower Upper

164 100

162 103.6 80.2 120.2

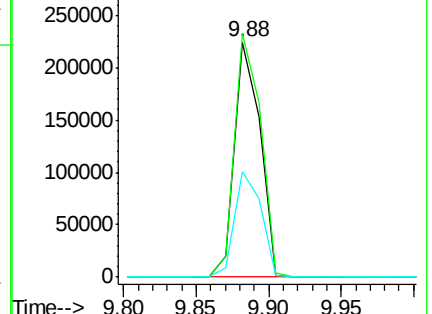
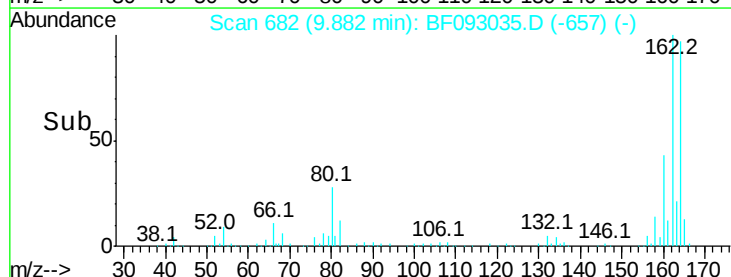
160 45.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

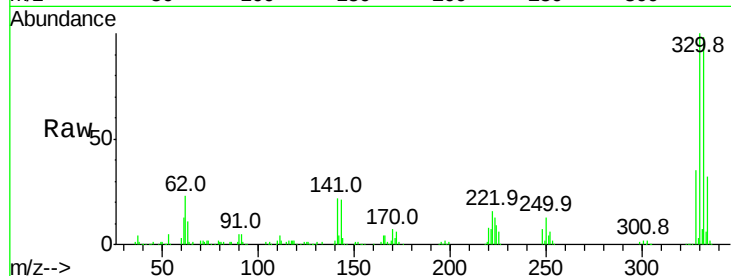




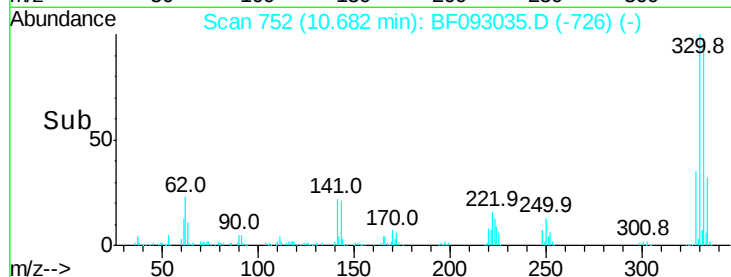
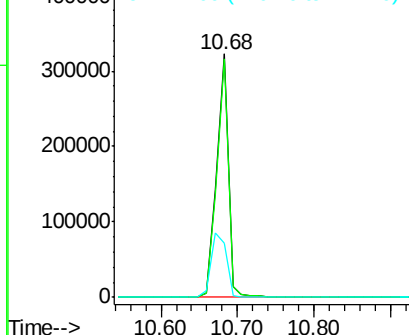
#41
 2,4,6-Tribromophenol
 Concen: 171.69 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093035.D
 Acq: 20 Feb 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :
 PB97034TB

Tot Ion:330 Resp: 341494
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 34.7 34.1 51.1

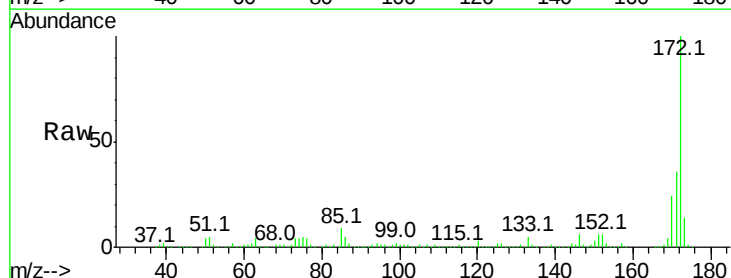


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

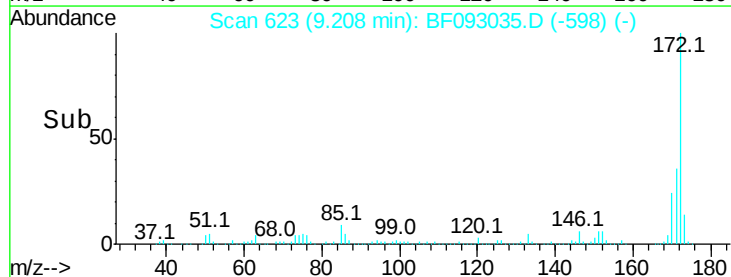
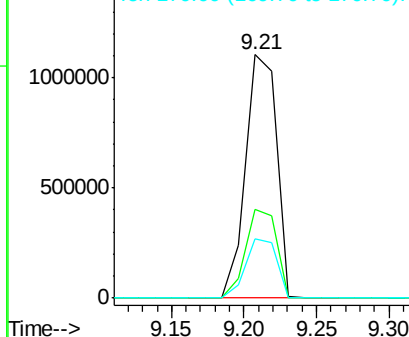


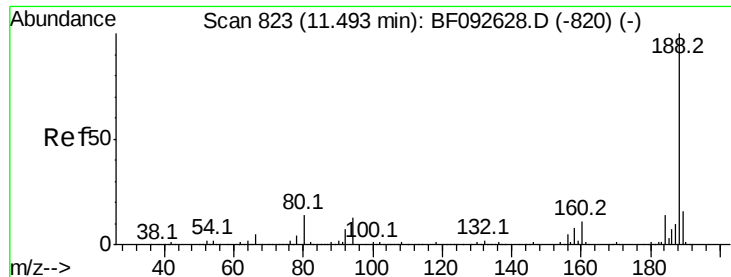
#44
 2-Fluorobiphenyl
 Concen: 108.25 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093035.D
 Acq: 20 Feb 2017 18:25

Tgt Ion:172 Resp: 1643190
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.2 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

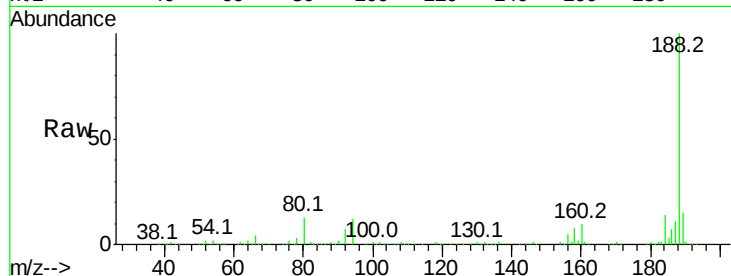




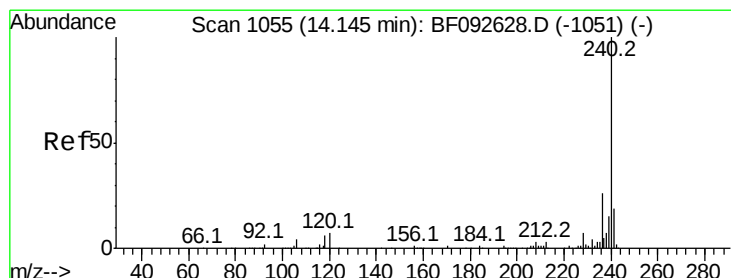
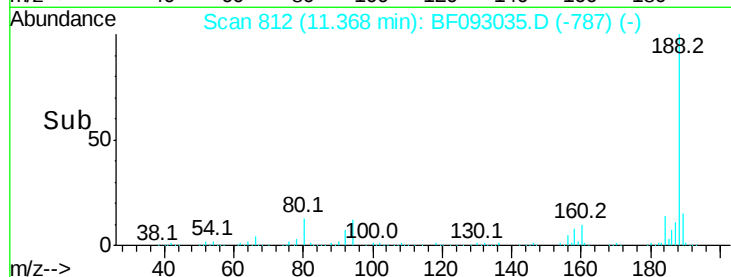
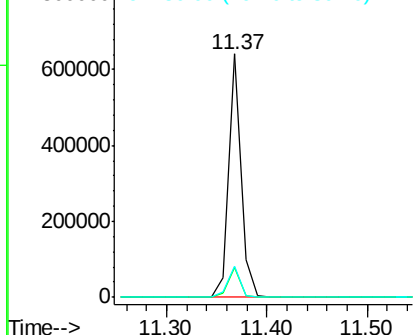
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093035.D
Acq: 20 Feb 2017 18:25

Instrument :
BNA_F
ClientSampleId :
PB97034TB

Tot Ion:188 Resp: 550252
Ion Ratio Lower Upper
188 100
94 12.1 10.0 15.0
80 12.8 11.2 16.8

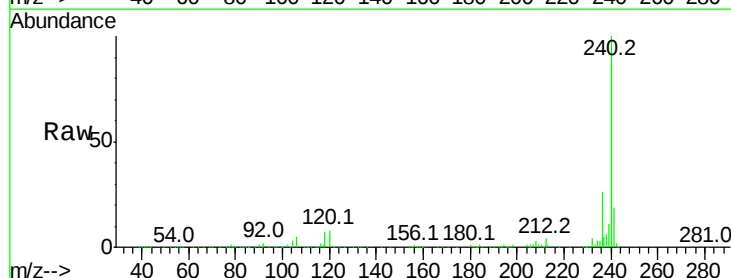


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

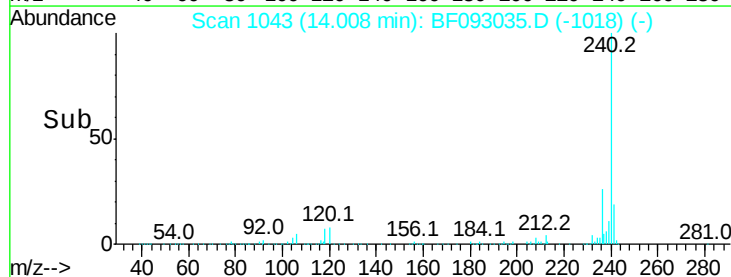
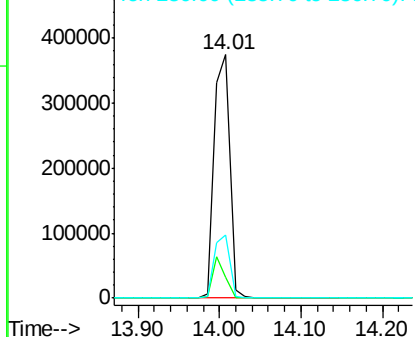


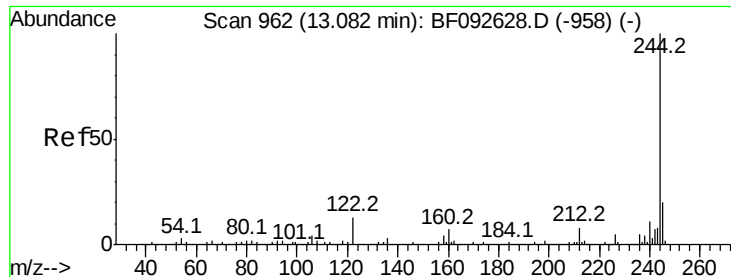
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093035.D
Acq: 20 Feb 2017 18:25

Tgt Ion:240 Resp: 502790
Ion Ratio Lower Upper
240 100
120 8.4 12.9 19.3#
236 25.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.53 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093035.D

Acq: 20 Feb 2017 18:25

Instrument :

BNA_F

ClientSampleId :

PB97034TB

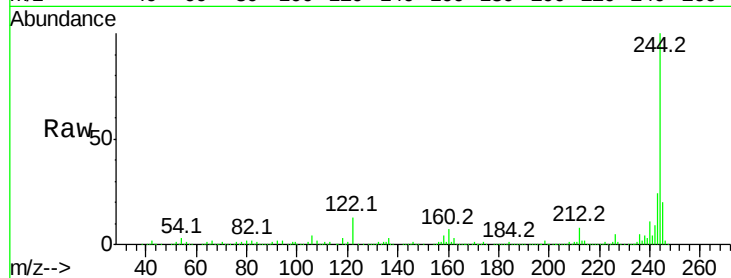
Tot Ion:244 Resp: 1445114

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

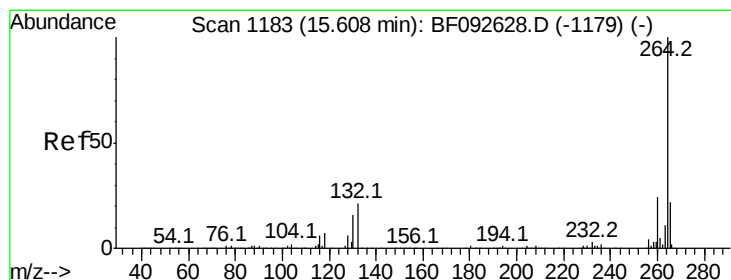
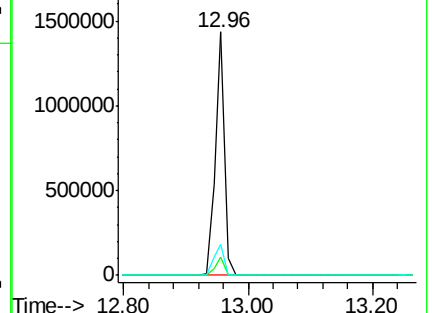
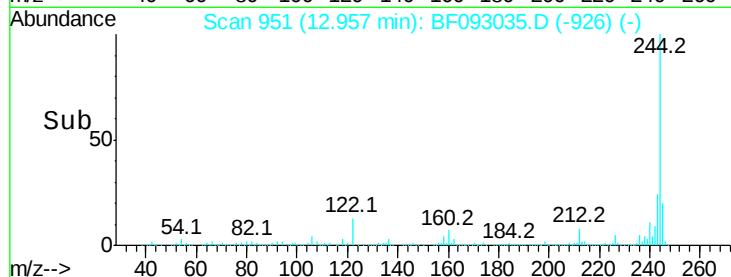
122 12.5 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093035.D

Acq: 20 Feb 2017 18:25

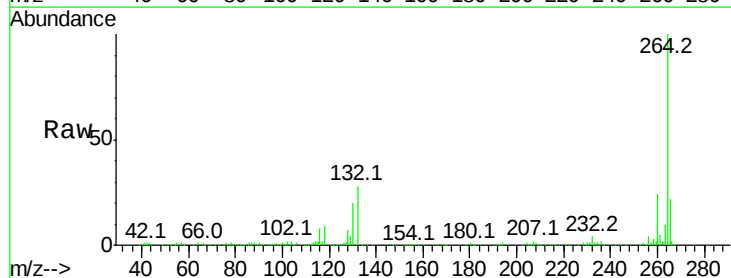
Tgt Ion:264 Resp: 386376

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

